

Braulio De Leon

Staff Frontend Engineer • Payments, Auth & Checkout • React • TypeScript

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Summary

Frontend engineer with 15+ years on enterprise platforms for US companies, including American Express and Toyota. Most recently owned the frontend of 3D Secure card authentication for the Amex travel platform, now the shared foundation for all three of its lines of business. Works in React and TypeScript today, with a long Angular background. Former Head of Engineering (hiring, team leads, internal tooling), now focused on hands-on, staff-level individual contributor work, building with AI agents as part of the daily workflow.

Experience

iSeatz, American Express Travel Platform

Senior Frontend Engineer • via Arionkoder • Apr 2024 – Oct 2026

React • Next.js • TypeScript • Nx monorepo • OAuth / mTLS • JWE • Contentful • Feature flags

- Owned the frontend of 3D Secure card authentication with American Express, a payments-compliance requirement for the Canadian market, delivered end to end with Amex, infrastructure and business analysts. It became the shared foundation for all three lines of business on the platform.
- Became the go-to engineer for Amex authentication issues across teams: represented engineering in cross-team delivery syncs with Amex, and made the flow safe for every team to build and test against without weakening production compliance.
- Part of the Cars team, the first to ship to production on the re-engineered platform; then supported the other lines of business through their own production rollouts.
- Owned critical checkout flows in a high-traffic transactional product, shipping incrementally behind feature flags with safe rollback.

Arionkoder

Head of Engineering • Mar 2025 – Oct 2026 • alongside client delivery

Team Lead / Senior Frontend Engineer • Oct 2021 – Mar 2025

- Built Engineering Map from scratch, an internal staffing and assignment platform (Next.js, TypeScript, Prisma, AWS) that gave the engineering area visibility into who works where across teams and clients.
- Designed the frontend technical hiring process, used for about 50 candidates: assessment kits with seeded bugs scaled by seniority, a live conversational format, 1–4 rubrics and interviewer guides.
- Advised the product lead of Sokuvo, the company's AI delivery-layer product, on how an AI-agent software lifecycle works in practice, based on hands-on use of Claude Code.
- Aligned Team Leads on delivery standards, onboarding and engineering practices across client engagements.

Pariveda, Toyota Enterprise Platform

Senior Frontend Engineer / Team Lead • via Arionkoder • Oct 2021 – Apr 2024

Angular • TypeScript

- Stabilized a large, long-lived Angular codebase, bringing production error rates to an all-time low; recognized by product leadership as a key project success.
- Led frontend work in a distributed team across 4 time zones (USA, India, Argentina, Colombia), setting the conventions, coding standards and review process the team adopted.

Overactive, XPO Logistics

Senior Frontend Engineer · Jan 2019 – Oct 2021

Angular · AG-Grid · Internal tooling

- Built data-intensive operations tools for the less-than-truckload (LTL) freight business: pickup and delivery management and route optimization, with large data grids synced to a live map.
- Contributed to the shared design system used by multiple teams; reviews, documentation and mentoring of junior engineers.

Earlier experience

Full Stack Engineer, BROS · 2017 – 2018

Full Stack Engineer, EDU Editorial · 2014 – 2016

Independent Developer · 2009 – 2014

Side project

Agent-driven development workflow

github.com/bradelev/vaig-scheduling

Next.js · Supabase / PostgreSQL · WhatsApp Business API · Claude Code

- A small project to test an end-to-end AI-agent workflow on a real use case: I wrote the PRDs and architecture and reviewed the output; Claude Code agents implemented it. The result is a simple WhatsApp reminder system (confirm or reschedule) used by a local clinic.
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Skills

Frontend: React, Next.js, TypeScript, Angular, Nx monorepos, accessibility (a11y), i18n

Payments & auth: 3D Secure, OAuth with mTLS, JWE, feature-flagged rollouts

AI & tooling: agentic development with Claude Code, PRD-driven agent workflows, Node.js, PostgreSQL / Supabase, Prisma, CI/CD

Education

Analista en Tecnologías de la Información, Universidad ORT Uruguay · 2012 – 2014

Computer Science Engineering (coursework completed), Universidad de la República, Uruguay · 2005 – 2010

Languages

Spanish (native) · English (professional working proficiency) · Portuguese (basic)